

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau(43) International Publication Date
19 October 2006 (19.10.2006)

PCT

(10) International Publication Number
WO 2006/109194 A2(51) International Patent Classification:
C07F 11/00 (2006.01) C07C 51/41 (2006.01)(21) International Application Number:
PCT/IB2006/001526

(22) International Filing Date: 26 January 2006 (26.01.2006)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/647,703 27 January 2005 (27.01.2005) US(71) Applicant (for all designated States except US): OCEAN
NUTRITION CANADA LTD. [CA/CA]; 101 Research
Drive, Dartmouth, Nova Scotia B2Y 4T6 (CA).

(72) Inventors; and

(75) Inventors/Applicants (for US only): BARROW, Colin,
James [NZ/CA]; 404 Francklyn Street, Halifax, NS B3H
1A8 (CA). KRALOVEC, Jaroslav, A. [CA/CA]; 11 Berk-
shire Close, Halifax, NS B3S 1H4 (CA). EWART, Harry,
Stephen [CA/CA]; 6501 Oak Street, Halifax, Nova Scotia
B3L 1H5 (CA).(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV,
LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI,
NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG,
SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US,
UZ, VC, VN, YU, ZA, ZM, ZW.(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT,
RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA,
GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— without international search report and to be republished
upon receipt of that reportFor two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

WO 2006/109194 A2

(54) Title: CHROMIUM-FATTY ACID COMPOUNDS AND METHODS OF MAKING AND USING THEREOF

(57) Abstract: Disclosed are compounds comprising one or more chromium atoms bonded to one or more fatty acids. Also dis-
closed are nutritional supplements, pharmaceutical formulations, delivery devices, and foodstuffs comprising the disclosed com-
pounds. Methods of using the disclosed compounds and compositions to improve health are also disclosed.